

Luke McNally

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3319123/publications.pdf>

Version: 2024-02-01

26
papers

2,348
citations

394421

19
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

4133
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Pathogen Dynamics across the Diversity of Aging. <i>American Naturalist</i> , 2021, 197, 203-215. | 2.1 | 6 |
| 2 | Kin selection explains the evolution of cooperation in the gut microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 28 |
| 3 | Secrets of the Hospital Underbelly: Patterns of Abundance of Antimicrobial Resistance Genes in Hospital Wastewater Vary by Specific Antimicrobial and Bacterial Family. <i>Frontiers in Microbiology</i> , 2021, 12, 703560. | 3.5 | 26 |
| 4 | Global monitoring of antimicrobial resistance based on metagenomics analyses of urban sewage. <i>Nature Communications</i> , 2019, 10, 1124. | 12.8 | 612 |
| 5 | Antimicrobial resistance in hospital wastewater in Scotland: a cross-sectional metagenomics study. <i>Lancet, The</i> , 2019, 394, S1. | 13.7 | 9 |
| 6 | Killing by Type VI secretion drives genetic phase separation and correlates with increased cooperation. <i>Nature Communications</i> , 2017, 8, 14371. | 12.8 | 143 |
| 7 | Disease spread in age structured populations with maternal age effects. <i>Ecology Letters</i> , 2017, 20, 445-451. | 6.4 | 24 |
| 8 | Division of Labor, Bet Hedging, and the Evolution of Mixed Biofilm Investment Strategies. <i>MBio</i> , 2017, 8, . | 4.1 | 36 |
| 9 | Microbiome: Ecology of stable gut communities. <i>Nature Microbiology</i> , 2016, 1, 15016. | 13.3 | 26 |
| 10 | Beyond killing. <i>Evolution, Medicine and Public Health</i> , 2016, 2016, 148-157. | 2.5 | 87 |
| 11 | Visualizing evolution as it happens. <i>Science</i> , 2016, 353, 1096-1097. | 12.6 | 0 |
| 12 | Quorum sensing protects bacterial co-operation from exploitation by cheats. <i>ISME Journal</i> , 2016, 10, 1706-1716. | 9.8 | 67 |
| 13 | The biogeography of polymicrobial infection. <i>Nature Reviews Microbiology</i> , 2016, 14, 93-105. | 28.6 | 233 |
| 14 | Building the microbiome in health and disease: niche construction and social conflict in bacteria. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140298. | 4.0 | 63 |
| 15 | The relative efficiency of modular and non-modular networks of different size. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142568. | 2.6 | 22 |
| 16 | Single gene locus changes perturb complex microbial communities as much as apex predator loss. <i>Nature Communications</i> , 2015, 6, 8235. | 12.8 | 15 |
| 17 | Cooperative secretions facilitate host range expansion in bacteria. <i>Nature Communications</i> , 2014, 5, 4594. | 12.8 | 43 |
| 18 | Vultures acquire information on carcass location from scavenging eagles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141072. | 2.6 | 71 |

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|----|--|-----|-----------|
| 19 | Combinatorial quorum sensing allows bacteria to resolve their social and physical environment. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4280-4284. | 7.1 | 163 |
| 20 | Ignoring discards biases the assessment of fisheries' ecological fingerprint. Biology Letters, 2013, 9, 20130812. | 2.3 | 23 |
| 21 | Metabolic rate and body size are linked with perception of temporal information. Animal Behaviour, 2013, 86, 685-696. | 1.9 | 118 |
| 22 | On the dimensionality of ecological stability. Ecology Letters, 2013, 16, 421-429. | 6.4 | 315 |
| 23 | Cooperation creates selection for tactical deception. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130699. | 2.6 | 32 |
| 24 | Colour Patterns Do Not Diagnose Species: Quantitative Evaluation of a DNA Barcoded Cryptic Bumblebee Complex. PLoS ONE, 2012, 7, e29251. | 2.5 | 108 |
| 25 | Cooperation and the evolution of intelligence. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3027-3034. | 2.6 | 58 |
| 26 | Flexible strategies, forgiveness, and the evolution of generosity in one-shot encounters. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E971; author reply E972. | 7.1 | 14 |